California Regional Water Quality Control Board
Colorado River Basin Region (R-7)
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260
(760) 346-7491

Reporting Period: January 1, 20_____ to December 31, 20_____
Report Due Date: February 15, 20_____

PART A – ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

I. Facility Information (Please make corrections directly on this form.)
Operator's Name:
Facility Name:
Facility Address:
Mailing Address:
Telephone Number:
Email Address:

Does the information provided apply only to the facility address indicated above?
☐ Yes ☐ No
If No, please provide the name and address of the other facilities in the comment section of this report.
Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

II. Type And Number Of Animals

Report the maximum number of each type of animal confined at this facility at any one time (and, for dairies, the number of milkings per day).

Type	Number in Open Confinement	Number Housed Under Roof
Mature Dairy Cows		
Number of milkings per day (dairies only) ☐ One ☐ Two ☐ Three		
Dairy Heifers		
Veal Calves		
Other Cattle		
Swine (55 lb. or more)		
Swine (under 55 lb.)		
Horses		
Sheep or Lambs		
Turkeys		
Chickens (broilers)		
Chickens (layers)		
Ducks		
Other: (specify): _____		

III. Manure, Litter, And Process Wastewater Production

Report the estimated amount of manure, litter, and process wastewater that were generated at this facility during the 12-month reporting period identified at the top of this report.

A. Amount of manure generated during the reporting period: _____ tons.
B. Amount of manure generated during the reporting period that is stockpiled on site as of 12/31/20____: _____ tons
C. Amount of litter generated during the reporting period: _____ tons.
D. Amount of process wastewater generated during the reporting period: _____ gallons.

Were the production factors provided below used to estimate your manure information?

Provided Production Factors	Productions Factors Used		Provide Other Production Factor, if used
Beef cattle produce approximately 1.5 tons per animal per year of manure.	☐Yes	☐No	
1 Milking cow produces approximately 4.1 tons per year of manure.	☐Yes	☐No	
1 Dry cow produces approximately 4.1 tons per year of manure.	☐Yes	☐No	
1 Heifer produces approximately 1.5 tons per year of manure.	☐Yes	☐No	
1 Calf produces 0.6 tons per year of manure.	☐Yes	☐No	
1 ton of corral manure equals 2.32 cubic yards.	☐Yes	☐No	
1 cubic yard of corral manure equals 0.43 tons.	☐Yes	☐No	

IV. Manure, Litter, and Process Wastewater Transferred to Other Persons

Report the estimated amount of manure, litter, and process wastewater that were transferred to other persons during the 12-month reporting period identified at the top of this report.

A. Amount of manure transferred during the reporting period: _____ tons.
B. Amount of litter transferred during the reporting period: _____ tons.
C. Amount of process wastewater transferred during the reporting period: _____ gallons.

V. Instances of Noncompliance Not Previously Reported

During the reporting period were there any instances of noncompliance, which have not been reported to the permitting authority? _____ Yes _____ No

If yes, please provide the information requested below.

- ☐ Description of the noncompliance and its cause.
- ☐ The period that the operation was in noncompliance with permit conditions, including exact dates and times.
- ☐ In those cases where noncompliance has not been corrected, the anticipated time it is expected to continue.
- ☐ Description of the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

VI. Certification of Preparation of Inspection Logs And Manifests

- ☐ I certify that a CAFO Stormwater Management Structure Inspections Log has been prepared for and is maintained at this facility.
- ☐ I certify that a Water Line Inspections Log has been prepared for and is maintained at this facility.
- ☐ I certify that a Manure Tracking Manifest has been prepared for each manure hauling event that have occurred at this facility (Large CAFOs only).

PART B – COMPOSTING INVENTORY

☐ **I certify that no composting occurs at this facility.** (If box is checked, skip to Part C.)

	January	February	March	April	May	June	July	August	September	October	November	December
I. Materials Monitoring												
Quantity (tons) and description of manure received from each source												
Quantity (tons) and description of greenwaste received from each source												
Quantity (tons) and description of fertilizer received from each source												
Quantity of composted material (tons) shipped off-site												
Estimated quantities of raw materials, in-process-inventory and finished												
II. Flood Protection Monitoring[1]												
The Discharger shall inspect all internal and external flood protection facilities at least quarterly and following each storm which generates any storm water flow through the drainage system. Indicate whether these inspections were conducted for each quarter.												

[1] If significant damage to the flood protection facilities is found, the Discharger shall report this information to the Regional Water Board immediately by telephone, and transmit by letter within five business days of its occurrence the following information:

a. Location and extent of damage;
b. Interim measures to be taken to assure that no wastes are discharged from the facility; and
c. Time schedule for repairs.

III. Storm Water Monitoring

1. Did any storm water discharge(s) occur from the composting operations? ☐ Yes ☐ No

2. If yes, attach the results of all storm water discharge analyses to this report and/or explain why any storm water discharges from the composting operations were not analyzed for the required parameters:

   ☐ Check if analysis results are attached.

   If any storm water discharges from the composting operations were not analyzed for the required parameters, explain below:

IV. Operation and Maintenance

Document any erosion control or drainage problems and/or related maintenance:

PART C – LAND APPLICATION OF MANURE, LITTER, AND PROCESS WASTEWATER REPORT

☐ **I certify that no land application of manure, litter, and/or process wastewater occurs at this facility.** (If box is checked, skip to Part D.)

I. Nutrient Management Plan

Indicate whether the facility's Nutrient Management Plan (NMP) was either prepared or approved by a certified nutrient management planner. *Note: The Regional Water Board does not require CAFO owners or operators to use a certified nutrient management planner to prepare or approve NMPs.*

Was the current version of this facility's NMP prepared or approved by a certified nutrient management planner? _____ Yes _____ No

II. Acres Used for Land Application

Report the total number of acres of land that are covered by this facility's NMP. Include all land application acres covered by the NMP, whether or not they were used for land application during the reporting period.

A. Total number of land application acres covered by the NMP: _____ acres.

Report the total number of acres of land where manure, litter, or process wastewater generated at this facility was spread. Include only land application areas that are under the control of this CAFO facility.

B. Total number of acres under the control of the CAFO used for land application during the reporting period: _____ acres.

III. Nutrient Analyses

Report the nutrient content of the manure, litter, and process wastewater that was applied during the reporting period. Report the results that were used to calculate nutrient application rates for the crops that were harvested during the reporting year. Attach additional sheets if needed.

Source sampled[a]	Sample date[b]	Analytical Results			
		NH_4-N	TKN	TP	Units[c]

a. Identify the manure type (e.g., liquid, slurry, solid, compost, litter, etc.) that was sampled and the storage structure sampled (if more than one structure used to store that type of manure). Use a separate line for each unique source. The source identification should correspond those used in the approved NMP.

b. Indicate the date of the sample results reported.

c. Indicate the reporting units (i.e., mg/L, mg/kg, lb/ton, or lb/1,000 gallons).

Report the results of the most recent soil nutrient analyses used in calculating nutrient application rates for the crops harvested during the reporting year. If soil is not analyzed for nitrogen, report the calculated amount of plant available nitrogen in each field used to determine land application rates. Attach additional sheets if needed.

Field ID[a]	Sample Date[b]	Analytical Results						Calculated	
		Soluble P			Nitrogen[e]				
		Result	Units[c]	Method[d]	Result	N form[f]	Units[c]	PAN[g]	Units[c]

a. List all fields where manure, litter, or process wastewater was applied during the reporting period. The field ID should correspond to those used in the approved NMP.

b. Indicate the date of the sample results reported.

c. Indicate the reporting units (i.e., mg/kg or lbs/acre).

d. Indicate the extraction method used.

e. Note that the permit does not require soil nitrogen analysis. Report the results if soil nitrogen analyses if they were conducted.

f. Indicate the nitrogen form analyzed. Use multiple rows for multiple forms of N.

g. Indicate the calculated amount of plant available nitrogen in the soil, if soil nitrogen analyses were not used in calculating nutrient application rates.

IV. Crop Growing Activity and Land Application

For each field where manure, litter, or wastewater was applied, report the actual crops grown in each field, the actual yield achieved, the amount of manure, litter, or wastewater planned to be applied and the actual amount of manure, litter, and wastewater applied. Attach additional sheets if needed.

Field ID[a]	Crop(s) Grown[b]	Yield[c]	Yield Units[d]	Planned Manure to be Applied[e]				Actual Manure Applied[f]			
				Solid	Compost	Liquid	Other[g]: _____	Solid	Compost	Liquid	Other[g]: _____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____

Field ID[a]	Crop(s) Grown[b]	Yield[c]	Yield Units[d]	Planned Manure to be Applied[e]				Actual Manure Applied[f]			
				Solid	Compost	Liquid	Other[g]: _____	Solid	Compost	Liquid	Other[g]: _____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____
				Tons	Tons	Gallons	_____	Tons	Tons	Gallons	_____

a. List all fields where manure, litter, or process wastewater was applied during the reporting period. The field ID should correspond to those used in the approved NMP.
b. List all crops grown (harvested during the reporting period) in each field during the reporting period.
c. Report the actual yield achieved for each crop in each field.
d. Report the per-acre yield units (e.g., tons/acre, bushels/acre)
e. Report the calculated amount of manure, litter, or wastewater to be applied, determined in accordance with the methodology and terms of the approved NMP.
f. Report the actual amount of manure, litter, or wastewater applied.
g. If "Other" is selected, write in the type of manure, litter, or wastewater to be applied.

PART D – GROUNDWATER MONITORING REPORT

Attach the results of quarterly groundwater monitoring conducted in accordance with the CAFO's approved groundwater monitoring program, if required by the Regional Water Board. Check the appropriate box(es) below.

☐ A groundwater monitoring program is required for this facility.

☐ Monitoring results are attached.

☐ Monitoring results are not attached. Explain: _____

_____

_____

_____

_____

☐ Not applicable. A groundwater monitoring program is not required for this facility.

PART E – CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____ Date: _____

Title: _____

Print Name: _____

Submit by: February 15, 20_____

Submit to: California Regional Water Quality Control Board
Colorado River Basin Region
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